

Bureau of Land Management, Interior

§ 3252.11

(12) Your source of drill pad and road building material and water supply.

(d) Show evidence of bond coverage (see § 3251.15);

(e) Estimate how much surface disturbance your exploration may cause;

(f) Describe the proposed measures you will take to protect the environment and other resources;

(g) Describe methods to reclaim the surface; and

(h) Include all other information BLM may require.

§ 3251.12 What action will BLM take on my Notice of Intent to Conduct Geothermal Resource Exploration Operations?

(a) When BLM receives your Notice of Intent to Conduct Geothermal Resource Exploration Operations, we will make sure it is complete and signed, and review it for compliance with the requirements of § 3200.4.

(b) If the proposed operations are located on lands described under § 3250.10(a)(2), we will consult with the Federal surface management agency before approving your Notice of Intent.

(c) We will check your Notice of Intent for technical adequacy and we may require additional information.

(d) We will notify you if we need more information to process your Notice of Intent, and suspend the review of your Notice of Intent until we receive the information.

(e) After our review, we will notify you whether we approved or denied your Notice of Intent and of any conditions of approval.

§ 3251.13 Once I have an approved Notice of Intent, how can I change my exploration operations?

Send BLM a complete and signed Form 3260-3, Geothermal Sundry Notice, which fully describes the requested changes. Do not proceed with the change in operations until you receive written approval from BLM.

§ 3251.14 Do I need a bond for conducting exploration operations?

(a) You must not start any exploration operations on BLM-managed lands until we approve your bond. You may meet the requirement for an exploration bond in two ways:

(1) If you have an existing nationwide or statewide oil and gas exploration bond, provide a rider in an amount we have specified to include geothermal resources exploration operations; or

(2) If you must file a new bond for geothermal exploration, the minimum amounts are:

(i) \$5,000 for a single operation;

(ii) \$25,000 for all of your operations within a state; and

(iii) \$50,000 for all of your operations on public lands nationwide.

(b) See subparts 3214 and 3215 for additional details on bonding procedures.

§ 3251.15 When will BLM release my bond?

BLM will release your bond after you request it and we determine that you have:

(a) Plugged and abandoned all wells;

(b) Reclaimed the land and, if necessary, resolved other environmental, cultural, scenic, or recreational issues; and

(c) Complied with the requirements of § 3200.4.

Subpart 3252—Conducting Exploration Operations

§ 3252.10 What operational standards apply to my exploration operations?

You must keep exploration operations under control at all times by:

(a) Conducting training during your operation to ensure that your personnel are capable of performing emergency procedures quickly and effectively;

(b) Using properly maintained equipment; and

(c) Using operational practices that allow for quick and effective emergency response.

§ 3252.11 What environmental requirements must I meet when conducting exploration operations?

(a) You must conduct your exploration operations in a manner that:

(1) Protects the quality of surface and subsurface waters, air, and other natural resources, including wildlife, soil, vegetation, and natural history;

(2) Protects the quality of cultural, scenic, and recreational resources;

§ 3252.12

(3) Accommodates other land uses, as BLM deems necessary; and

(4) Minimizes noise.

(b) You must remove or, with our permission, properly store all equipment and materials not in use.

(c) You must provide and use pits, tanks, and sumps of adequate capacity. They must be designed to retain all materials and fluids resulting from drilling temperature gradient wells or other operations, unless we have specified otherwise in writing. When they are no longer needed, you must properly abandon pits and sumps in accordance with your exploration permit.

(d) BLM may require you to submit a contingency plan describing procedures to protect public health, safety, property, and the environment.

§ 3252.12 How deep may I drill a temperature gradient well?

(a) You may drill a temperature gradient well to any depth that we approve in your exploration permit or sundry notice. In all cases, you may not flow test the well or perform injection tests of the well unless you follow the procedures for geothermal drilling operations in subparts 3260 through 3267.

(b) BLM may modify your permitted depth at any time before or during drilling, if we determine that the bottom hole temperature or other information indicates that drilling to the original permitted depth could directly encounter the geothermal resource or create risks to public health, safety, property, the environment, or other resources.

§ 3252.13 How long may I collect information from my temperature gradient well?

You may collect information from your temperature gradient well for as long as your permit allows.

§ 3252.14 How must I complete a temperature gradient well?

Complete temperature gradient wells to allow for proper abandonment, and to prevent interzonal migration of fluids. Cap all tubing when not in use.

43 CFR Ch. II (10–1–08 Edition)

§ 3252.15 When must I abandon a temperature gradient well?

When you no longer need it, or when BLM requires you to.

§ 3252.16 How must I abandon a temperature gradient well?

(a) Before abandoning your well, submit a complete and signed Sundry Notice, Form 3260-3, describing how you plan to abandon wells and reclaim the surface. Do not begin abandoning wells or reclaiming the surface until BLM approves your Sundry Notice.

(b) You must plug and abandon your well for permanent prevention of interzonal migration of fluids and migration of fluids to the surface. You must reclaim your well location according to the terms of BLM approvals and orders.

Subpart 3253—Reports: Exploration Operations

§ 3253.10 Must I share with BLM the data I collect through exploration operations?

(a) For exploration operations on your geothermal lease, you must submit all data you obtain as a result of the operations with a signed notice of completion of exploration operations under § 3253.11, unless we approve a later submission.

(b) For exploration operations on unleased lands or on leased lands where you are not the lessee or unit operator, you are not required to submit data. However, if you want your exploration operations to count toward your diligent exploration expenditure requirement (see § 3210.13), or if you are making significant expenditures to extend your lease (see § 3208.14), you must send BLM the resulting data under the rules of those sections.

§ 3253.11 Must I notify BLM when I have completed my exploration operations?

After you complete exploration operations, send to BLM a complete and signed notice of completion of exploration operations, describing the exploration operations, well history, completion and abandonment procedures, and site reclamation measures. You